Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 20 Apr 2023 until 23:59 on Friday 21 Apr 2023

Forecast Issued on Wednesday 19 Apr 2023 at 15:34

Confidence: High for largely fine and settled weather with largely clear skies most of Thursday. Confidence lowering markedly from Friday as cloud and rain moves in from the east. Lower than usual confidence persisting over the weekend.

Headline for Thursday 20 Apr 2023: Any early low cloud soon lifting and breaking to give a largely clear and sunny day before becoming cloudier from the east later in the afternoon. Windy throughout.

Mountain weather hazards on Thursday 20 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Partly cloudy (night)	Sunny	Sunny	Sunny	Sunny intervals	Cloudy
Precipitation probability							
00%	00%	00%	00%	00%	00%	10%	10%

Forecast for Thursday 20 Apr 2023

Weather: A few early shreds of low cloud, most likely on eastern slopes, will quickly lift and break through the morning to give a fine and sunny day, albeit with continuing strong winds. Winds easing through the day but remaining strong throughout. Becoming cloudier late evening

Chance of cloud-free hill tops above 600m: 90%, dropping to 40% later in the evening

Low Cloud and visibility: Patchy low cloud on eastern slopes above 300m at first, lifting and breaking quickly during the morning, clearer to the west throughout. Good visibility but may be slightly hazy at times. Becoming cloudier later in the afternoon/early evening with perhaps cloud starting to lower to 500m at times later.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Thursday 20 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/30 E	15/24 E	13/18 NE	21/30 NE	20/29 NE	22/32 NE	19/27 NE	23/34 NE	23/35 NE
300	11/27 E	10/27 NE	9/20 NE	15/28 E	15/28 E	16/30 NE	12/26 NE	13/31 NE	16/35 NE
Valley	10/24 E	10/24 NE	10/22 NE	13/25 E	13/26 E	14/28 E	9/21 NE	9/23 NE	8/22 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-4	2/-3	2/-3	5/-1	7/2	7/2	5/-0	2/-4	3/-3
300	4/0	4/-0	4/0	8/5	11/8	10/7	7/4	5/1	5/1
Valley	6/2	5/2	5/2	10/8	13/10	12/9	10/8	6/4	6/4
Freezing Level*	800m	800m	800m	900m	900m	900m	900m	1300m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Low risk of severe wind chill along the tops at first in breezy conditions. Strong winds perhaps masking the effects of moderate to high UV levels in sunny conditions throughout the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 19 Apr 2023	0mm	0mm	0mm

Forecast for Friday 21 Apr 2023

Weather: Significant uncertainty exists for Friday, but likely unsettled with extensive cloud cover and outbreaks of rain and drizzle across the area throughout. Strong east or northeasterly winds likely with some uncertainty regarding peak speeds, wet conditions may lead leading to a significant wind chill.

Maximum wind: Northeasterly 35mph

Chance of cloud-free hill tops above 600m: 20%

Low Cloud and visibility: Cloudy and dull throughout the day, with poor visibility in rain.

Temperature: **Valleys:** Plus 6 Celsius rising to plus 10 Celsius.
At 600m: Plus 1 Celsius rising to plus 5 Celsius
Freezing level: Well above tops.

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